

RESULT 15
US-08-290-731C-4
; Sequence 4, Application US/08290731

EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,636
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,874
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,910
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,864
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,631
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,845
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/047,595
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,599
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,588
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,585
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,586
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,590
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,594
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,589
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,583
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,614
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/043,578
 EARLIER FILING DATE: 1997-04-11
 EARLIER APPLICATION NUMBER: 60/047,501
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/043,501
 EARLIER FILING DATE: 1997-04-10
 EARLIER APPLICATION NUMBER: 60/056,670
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,632
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,664
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,876
 EARLIER FILING DATE: 1997-08-22
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,909
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,875
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,862
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,887
 EARLIER APPLICATION NUMBER: 60/056,909
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,964
 EARLIER FILING DATE: 1997-06-06
 EARLIER APPLICATION NUMBER: 60/057,650
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/056,884
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,659
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/049,610
 EARLIER FILING DATE: 1997-06-13

; EARLIER APPLICATION NUMBER: 60/051,060
 ; EARLIER FILING DATE: 1997-10-02
 Query Match Similarity: 14.4%; Score 16; DB: 4; Length 997;
 Best Local Similarity: 100.0%; Pred. No.: 22; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 45; Conservative
 Qy 8 GATCCTTGGCTCA 23
 Db 662 GATCCTTGGCTCA 677

RESULT 3
 US-09-120-152-309/c
 ; Sequence 909, Application US/09328352
 ; Patent No. 6626258
 / GENERAL INFORMATION:
 / APPLICANT: Gary L. Brechin et al.
 / TITLE OF INVENTION: DUTCHIC ACID AND AMINO ACID SEQUENCES RELATING TO ACTINOBACTER
 / INVENTOR: Gary L. Brechin et al.
 / FILE REFERENCE: CTC9-031A
 / CURRENT APPLICATION NUMBER: US/09/120,352
 / CURRENT FILING DATE: 1997-06-04
 / NUMBER OF SEQ ID NOS: 8252
 / SEQ ID NO: 909
 / LENGTH: 1266
 / TYPE: DNA
 / ORGANISM: *Actinomycetobacter baumannii*
 US-09-246-352-309

Query Match Similarity: 14.4%; Score 16; DB: 4; Length 1266;
 Best Local Similarity: 100.0%; Pred. No.: 22; Mismatches: 0; Indels: 0; Gaps: 0;
 Matches: 16; Conservative
 Qy 26 ATTCCTTGCTCTT 41
 Db 616 ATTCCTTGCTCTT 601

RESULT 4
 US-09-107-532A-356
 ; Sequence 336, Application US/09107532A
 ; Patent No. 6633975
 / GENERAL INFORMATION:
 / APPLICANT: David Bush et al.
 / INVENTION: A Diagnostic Test and Method Using Nucleic Acid and Amino Acid Sequences Relating To
 / TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
 / INVENTOR: David Bush et al.
 / NUMBER OF SEQUENCES: 710
 / CORRESPONDENCE ADDRESS: 710
 / ADDRESS: Genomic Therapeutics Corporation
 / STREET: 100 Beaver Street
 / CITY: Cambridge
 / STATE: Massachusetts
 / ZIP: 02154
 / COUNTRY: USA
 COMPUTER READABLE FORM:
 MEDIUM TYPE: CD-ROM 1603660
 COMPUTER: PC
 OPERATING SYSTEM: <Unknown>
 SOFTWARE: ACT1
 CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/09/107-532A
 / FILING DATE: 30-Jun-1998
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 60/085,598
 / FILING DATE: 14-May-1998
 / ATTORNEY/AGENT INFORMATION:
 / ATTORNEY/AGENT NAME: Denike
 / ATTORNEY/AGENT FIRM: Denike
 / ATTORNEY/AGENT ADDRESS: 450
 / REFERENCE DOCUMENT NUMBER: GTC-012
 / TELECOMMUNICATION INFORMATION:

TELEPHONE: 1701693-5007

TELEFAX: 1701693-5007

INFORMATION FOR SEQ ID NO: 135:

SEQUENCE CHARACTERISTICS:

LENGTH: 1437 base Pairs

TYPE: nucleic acid

STRANDNESS: double

TOPOLGY: circular

MOLECULE TYPE: DNA (genomic)

HYDROPHOBICITY: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Enterococcus faecium

FEATURE: NAME/KEY: mice Feature

LOCATION: (B) LOCATION 1..1437

US-09-107-532-336 SEQUENCE DESCRIPTION: SEQ ID NO: 336:

Query Match 14.4%; Score 16; DB: 22; Length 1437;

Best Local Similarity 100.0%; Pred. No. 22;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 19 TTAGGAGCTTCTT 34

Db 212 TGGAGTCCTT 227

RESULT 5

US-09-233-506-1

/ Sequence 1, Application US/09233506

/ Patent No. 613580

/ GENERAL INFORMATION:

/ APPLICANT: Fukuda, Minoru

/ ATTORNEY / AGENT: Yeh, Juan-Chern

/ TITLE OF INVENTION: A Sequon-1-N-Acetylglucosaminyltransferase That Forms

/ FILE REFERENCE: PCT/JP 2005/001315

/ CURRENT APPLICATION NUMBER: US/09/233,506

/ CURRENT FILING DATE: 1999-01-19

/ NUMBER OF SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ TYPE: DNA

/ ORGANISM: Homo sapiens

/ FEATURE: NAME/KEY: CDS

/ LOCATION: (334)..(1670)

/ US-09-233-506-1

Query Match 14.4%; Score 16; DB: 22; Length 2128;

Best Local Similarity 100.0%; Pred. No. 22;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 GATCTTGCGCTCA 33

Db 1821 GATCTTGCGCTCA 1836

RESULT 6

US-09-233-506-1

/ Sequence 6, Application US/09334601

/ GENERAL INFORMATION:

/ APPLICANT: Kaptchuk, Dmitri

/ ATTORNEY / AGENT: Robert

/ TITLE OF INVENTION: NOVEL SIALYLTRANSFERASES

/ FILE REFERENCE: PCT/US-99-134,601

/ CURRENT APPLICATION NUMBER: US/09/334,601

/ NUMBER OF SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ TYPE: DNA

/ ORGANISM: Homo sapiens

/ FEATURE: NAME/KEY: CDS

/ LOCATION: (278)..(1363)

/ US-09-425-488-7

/ Query Match 14.4%; Score 16; DB: 4; Length 2159;

/ SEQ ID NO: 6

/ LENGTH: 2178

/ TYPE: DNA

/ ORGANISM: Homo sapiens

/ US-09-334-601-6

Query Match 14.4%; Score 16; DB: 3; Length 2178;

Best Local Similarity 100.0%; Pred. No. 22;

Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 26 ATCTCTTCATCTT 41

Db 2150 ATCTCTTCATCTT 2135

RESULT 7

US-09-334-601-1/C

/ Sequence 1, Application US/09334601

/ Patent No. 6280989

/ GENERAL INFORMATION:

/ APPLICANT: Kaptchuk, Dmitri

/ ATTORNEY / AGENT: Robert

/ TITLE OF INVENTION: NOVEL SIALYLTRANSFERASES

/ FILE REFERENCE: PCT/US-99-134,601

/ CURRENT APPLICATION NUMBER: US/09/334,601

/ NUMBER OF SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

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/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

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/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

/ CURRENT FILING DATE: 1999-06-17

/ NUMBER OF SEQ ID NO: 94

/ SEQ ID NO: 14

/ SOFTWARE: PatentIn Ver. 2.0

/ SEQ ID NO: 14

Best Local Similarity 100.0%; Pred. No. 22;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 26 ATCTTTCATCCTT 41
 Db 2345 ATCTTTCATCCTT 2330

RESULT 9
 US-07-746-705A-16

Sequence 16, Application US/0746705A
 Patent No. 5,453,616
 GENERAL INFORMATION:
 APPLICANT: Matthews, Benjamin F.
 ATTINATE: Weisbaum, Jane M.
 TITLE OF INVENTION: A Recombinant DNA Molecule Encoding
 A Plant Enzyme: Aspartokinase and Homoserine
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Janelle S. Graeter
 STREET: Room 411, Bldg. 005, BARC-W
 CITY: Beltsville
 STATE: Maryland
 ZIP: 20705
 COUNTRY: USA

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 PARENT APPLICATION NUMBER: US/06/780,182
 CURRENT APPLICATION NUMBER: US/06/780,182
 FILING DATE: 10/05/1993
 CLASSIFICATION: 35

ABSTRACT/GENERAL INFORMATION:
 NAME: Graeter, Janelle S.
 REGISTRATION NUMBER: 35,024
 REFERENCE/DOCKET NUMBER: 52,024
 TELECOMMUNICATION NUMBER: 0226.94

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 301-504-6625
 TELEFAX: 301-504-5060

SEQUENCE CHARACTERISTICS:
 LENGTH: 2915
 NUMBER OF BASE PAIRS: 2915
 STRANDEDNESS: both
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA (genomic)

HYPOTHETICAL: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Daucus carota

PATENT INFORMATION:
 PATENT KEY: CDS
 LOCATION: 2,2593
 US-08-380-182-16

Query Match 14.4%; Score 16; DB 2; Length 2915;
 Best Local Similarity 100.0%; Pred. No. 22; Mismatches 0; Indels 0; Gaps 0;

Qy 38 CTTCGAGGACTCT 53
 Db 1977 CTTCGAGGACTCT 1992

RESULT 11
 US-09-334-601-5/c

Sequence 5, Application US/09334601
 Patent No. 5,620,939
 GENERAL INFORMATION:
 APPLICANT: Graeter, Janelle S.
 ATTINATE: Weisbaum, Benjamin F.
 TITLE OF INVENTION: Novel Starch/Transferases
 CURRENT APPLICATION NUMBER: US/09/334,601
 CURRENT FILING DATE: 1993-06-17
 NUMBER OF SEQ ID NOS: 94
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NOS: 5, 1994

TYPE: cDNA
 ORGANISM: Homo sapiens

US-09-334-601-5

Best Local Similarity 14.4%; Score 16; DB 3; Length 3494;
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 Sequence 18, Application US/09380182
 f General Information:
 APPLICANT: Matthews, Benjamin F.
 ATTINATE: Weisbaum, Jane M.
 TITLE OF INVENTION: A Bifunctional Protein From Carrots

RESULT 10
 US-08-380-182-18

Sequence 18, Application US/09380182
 f General Information:
 APPLICANT: Matthews, Benjamin F.
 ATTINATE: Weisbaum, Jane M.
 TITLE OF INVENTION: A Bifunctional Protein From Carrots

Qy 26 ATTCTTTCATCCTT 41
 Db 3467 ATTCTTTCATCCTT 3452

RESULT 12
 US-09-024-020B-REG Application US/09024/020B
 Sequence 1, Application US/09024/020B
 Sequence No.: 43
 NUMBER OF SEQUENCES: 43
 CORRESPONDENCE ADDRESS:
 STEPHEN G. DELGADO, JANET PAULINE CLARK
 STREET: 3401 HILLVIEW AVENUE, MS A2-250
 CITY: PALO ALTO
 STATE: CA
 COUNTRY: U.S.A.
 PARENT INVENTION: NOVEL CLONED TETRODOKIN-SENSITIVE SODIUM CHANNEL I-SUBUNIT AND A SPLICE VARIANT THEREOF
 NUMBER OF SEQ ID NOS: 43
 NUMBER OF SEQUENCES: 43
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: JANET PAULINE CLARK
 STREET: 3401 HILLVIEW AVENUE, MS A2-250
 CITY: PALO ALTO
 STATE: CA
 COUNTRY: U.S.A.
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/024,020B
 FILING DATE: 16-FEB-1998
 CLASSIFICATION:
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: US/09/024,020B
 FILING DATE: 16-FEB-1998
 ATTORNEY/AGENT INFORMATION:
 NAME: CLARK, JANET P.
 REGISTRATION NUMBER: 34,799
 REFERENCE/DOCKET NUMBER: R020B-REG
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 521-1097
 FAX: (415) 521-1092
 INFORMATION FOR SEQ ID NOS: 1-1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5977 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: DNA (genomic)

Query Watch Score 16 : DB 4 ; Length 5977 ;
 Best Local Similarity 14.4% ; Pred No. 23 ;
 Matches 16 ; Conservative 0 ; Mismatches 0 ; Indels 0 ; Gaps 0 ;

Db 5814 GTCCTGGTGCGCT 5799

RESULT 14
 US-09-024-020B-2/C
 / Sequence 2, Application US/09024/020B
 / GENERAL INFORMATION:
 / ATTORNEY/AGENT INFORMATION:
 / APPLICANT: DELGADO, STEPHEN G.
 / ATTORNEY/AGENT: DIPRICH, PAUL S.
 / APPLICANT: FISH, LINDA M.
 / ATTORNEY/AGENT: HALL, DAVID C.
 / APPLICANT: SHAW, RANDAL C.
 / ATTORNEY/AGENT: LARSEN, STEPHEN
 / TITLE OF INVENTION: NOVEL CLONED TETRODOKIN-SENSITIVE SODIUM CHANNEL I-SUBUNIT AND A SPLICE VARIANT THEREOF
 / NUMBER OF SEQUENCES: 43
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: JANET PAULINE CLARK
 / STREET: 3401 HILLVIEW AVENUE, MS A2-250
 / CITY: PALO ALTO
 / STATE: CA
 / COUNTRY: U.S.A.
 / ZIP: 94304-1197
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS

Qy 80 GTCCTGGTGCGCT 95
 Db 5814 GTCCTGGTGCGCT 5799

RESULT 13
 US-09-025-043-1/C
 / Sequence 1, Application US/09425043
 / Patent No. 6335472
 / GENERAL INFORMATION:
 / ATTORNEY/AGENT INFORMATION:
 / APPLICANT: DELGADO, STEPHEN G.
 / ATTORNEY/AGENT: DIPRICH, PAUL S.
 / APPLICANT: FISH, LINDA M.
 / ATTORNEY/AGENT: HALL, DAVID C.
 / APPLICANT: SHAW, RANDAL C.
 / ATTORNEY/AGENT: LARSEN, STEPHEN
 / TITLE OF INVENTION: SODIUM CHANNEL I-SUBUNIT AND A SPLICE VARIANT THEREOF
 / NUMBER OF SEQUENCES: 43
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: JANET PAULINE CLARK
 / STREET: 3401 HILLVIEW AVENUE, MS A2-250
 / CITY: PALO ALTO
 / STATE: CA
 / COUNTRY: U.S.A.
 / ZIP: 94304-1197
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Floppy disk
 / COMPUTER: IBM PC compatible
 / OPERATING SYSTEM: PC-DOS/MS-DOS

RESULT 6
USGS-08-666-367B-4/c

APPLICANT: Shannon Schmura

TITLE OF INVENTION: Live Attenuated Virus Vaccines for Eastern Equine Encephalitis

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

CHARLES H. HARRIS
SOUTHERN SEA MARINA
P.O. BOX 104
CITY: FORT DEFIANCE
STATE: MARYLAND
COUNTRY: USA

ZIP: 21704-5012

COMPUTER READABLE FORM:

MEDIAN TYPE: Floppy disk

APPLICANT NUMBER: 60/047162,

ATTORNEY/AGENT INFORMATION:

NAME: CHARLES H. HARRIS

REGISTRATION NUMBER: 34,616

REFERENCE/DOCKET NUMBER: 003/058/SAP RILD 96-01

TELECOMMUNICATION INFORMATION:

TELEPHONE: (301) 619-2065

TELEFAX: (301) 619-5034

INVENTOR ID: 24

ATTORNEY/AGENT NUMBER: 60/053,652

SEQUENCING CHARACTERISTICS:

LENGTH: 11422 base pairs

TYPE: Nucleic acid

STRANDEDNESS: Double

TOPOLOGY: Linear

FEATURE: OTHER INFORMATION: N at all occurrences is = unknown.

FEATURE: OTHER INFORMATION: K at all

FEATURE: occurrences is = G or T

US-08-991-840A-1

Query Match Score: 25.4; DB: 3; Length: 11422;

Best Local Similarity: 22.9%;

Matches: 38; Conservative: 0; Mismatches: 21; Indels: 0; Gaps: 0;

Qy 12 TTTCCTTGAGATCTTCTTCATCTTGAGAACTGCGGCGGAGTTGA 70

Db 7692 TTTCCTTGAGATCTTCTTCATCTTGAGAACTGCGGCGGAGTTGA 7634

RESULT: 11

US-09-96-243-149

Sequence 119: Application US/09966243

Patent No. 6478825

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi J.

APPLICANT: Baker, Kevin J.

APPLICANT: Deneen, David

APPLICANT: Deschenes, Daniel

APPLICANT: Farber, Naso Leone

APPLICANT: Feng, Sherman

APPLICANT: Geiger, Hans Peter

APPLICANT: Gerittsen, Mary E.

APPLICANT: Goodard, Audrey

APPLICANT: Goossens, Paul J.

APPLICANT: Grunbaum, J. Christopher

APPLICANT: Guillet, Austin L.

APPLICANT: Krasny, Michael

APPLICANT: Maiter, Mary A.

APPLICANT: Pan, James

APPLICANT: Paon, Nicholas F.

APPLICANT: Pfeifer, Michael

APPLICANT: Saksena, Deepak

APPLICANT: Shabot, Michael

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Oligonucleic acid search, using bow model

Run on: October 29, 2003, 14:42:32 ; Search time 65 seconds (without alignments)

Perfect score: US-09-513-999c-3792_COPY_51_446

Title: 1atggatgcattgtcc.....gacactggatattcgatgtaa 396

Sequence:

Scoring table: Oligo_NUC

Gapop 60.0 , Gapext 60.0

Scored: 565978 seqs, 220651566 residues

Word size : 0

Total number of hits satisfying chosen parameters: 1139955

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database : Issued Patents N/A*

Issued Patents N/A*

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1: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

2: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

3: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

4: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

5: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

6: /Cn2_6/procdata/2/ina/5A/CONB.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

| Result No. | Score | Query | Match | Length | DB ID | Description |
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| 1 | 18 | 4.5 | 31 | 1 | US-09-066-281-1 | Sequence 1, Appli |
| c 2 | 18 | 4.5 | 430 | 1 | US-09-397-787-254 | Sequence 2, Appli |
| c 3 | 18 | 5.3 | 5395 | 4 | US-09-384-810-3 | Sequence 3, Appli |
| c 4 | 17 | 4.3 | 1001 | 1 | US-09-611-317 | Sequence 4, Appli |
| c 5 | 17 | 4.3 | 1001 | 1 | US-09-611-317 | Sequence 5, Appli |
| c 6 | 17 | 4.3 | 1001 | 1 | US-09-671-317 | Sequence 6, Appli |
| c 7 | 17 | 4.3 | 1001 | 4 | US-09-671-317 | Sequence 7, Appli |
| c 8 | 17 | 4.3 | 1118 | 4 | US-09-452-239-37 | Sequence 8, Appli |
| c 9 | 17 | 4.3 | 1146 | 4 | US-09-452-239-37 | Sequence 9, Appli |
| c 10 | 17 | 4.3 | 1181 | 1 | US-09-355-209-108 | Sequence 10, Appli |
| c 11 | 17 | 4.3 | 1509 | 1 | US-09-115-052-1 | Sequence 11, Appli |
| c 12 | 17 | 4.3 | 1509 | 1 | US-09-115-052-1 | Sequence 12, Appli |
| c 13 | 17 | 4.3 | 1686 | 4 | US-09-228-395-16 | Sequence 13, Appli |
| c 14 | 17 | 4.3 | 1615 | 4 | US-09-145-102-6 | Sequence 14, Appli |
| c 15 | 17 | 4.3 | 40328 | 3 | US-09-742-185-102 | Sequence 15, Appli |
| c 16 | 16 | 4.0 | 36 | 3 | US-09-910-722-7 | Sequence 16, Appli |
| c 17 | 16 | 4.0 | 42 | 3 | US-09-910-722-7 | Sequence 17, Appli |
| c 18 | 16 | 4.0 | 57 | 1 | US-09-474-177-17 | Sequence 18, Appli |
| c 19 | 16 | 4.0 | 57 | 1 | US-09-487-033-17 | Sequence 19, Appli |
| c 20 | 16 | 4.0 | 57 | 1 | US-09-487-033-17 | Sequence 20, Appli |
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| c 23 | 16 | 4.0 | 57 | 2 | US-09-487-033-17 | Sequence 23, Appli |
| c 24 | 16 | 4.0 | 57 | 3 | US-09-120-130-17 | Sequence 24, Appli |
| c 25 | 16 | 4.0 | 57 | 3 | US-09-115-252-17 | Sequence 25, Appli |
| c 26 | 16 | 4.0 | 57 | 3 | US-09-396-515-17 | Sequence 26, Appli |
| c 27 | 16 | 4.0 | 57 | 3 | US-09-120-128-17 | Sequence 27, Appli |

ALIGNMENTS

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Sequence 20, Appli

Sequence 21, Appli

GENERAL INFORMATION:

APPLICANT: Blumenthal, Marta
Counselor, Ilya

APPLICANT: Bouquelier, Lydie

APPLICANT: Cohen, Annick

TITLE OF INVENTION: BIALLILE MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM

LAB NUMBER: 10001

LAB LOCATION: U.S.A., U.S.A.

CURRENT FILING DATE: 2009-08-17/11,317

PRIOR FILING DATE: 2000-03-23 US/09/5956,178

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-24 US/09/5956,269

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-30 US/09/5956,269

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-30 US/09/5956,269

PRIOR FILING DATE: 2000-03-30 US/09/5956,269

SEQUENCE ID: 801

LENGTH: 1001

OTHER INFORMATION: 12-126-222 : polymorphic base T or C

ORGANISM: Homo sapiens

FEATURE: NAME/KEY: allele

NAME/KEY: miss-binding

OTHER INFORMATION: 12-126-222 miss1, potential

NAME/KEY: miss binding

LOCATION: 502...521

OTHER INFORMATION: 12-126-222 miss2, potential complement

NAME/KEY: primer bind

LOCATION: 703...722

OTHER INFORMATION: upstream amplification primer, complement

NAME/KEY: miss-binding

LOCATION: 165...256

OTHER INFORMATION: downstream amplification primer

NAME/KEY: miss-binding

LOCATION: 189...513

OTHER INFORMATION: 12-126-222 potential probe

Query Match Similarity: 4.3% Score: 17. DB: 4; Length: 1001;

Best Local Match: 100% Prod.: 0; Mismatches: 0; Indels: 0; Caps: 0;

Matched: 17; Conservative: 0; Mismatches: 0; Indels: 0; Caps: 0;

Y S-03-671-317-307

Y 280 TTTTGGCTCATCTG 296

Y 969 TTGGTGCTCATCTG 985

b

RESULTS 5:

S-03-671-317-338 Sequence: 338 Application US/09/671,317

Patent No.: 6128260 GENERAL INFORMATION:

APPLICANT: Blumenthal, Marta
Counselor, Ilya

APPLICANT: Bouquelier, Lydie

APPLICANT: Cohen, Annick

TITLE OF INVENTION: BIALLILE MARKERS RELATED TO GENES INVOLVED IN DRUG METABOLISM

FILE NUMBER: 62-US-CIP

CURRENT APPLICATION NUMBER: US/09/671,317

CURRENT FILING DATE: 2009-08-27 US/09/5956,178

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-24 US/09/5956,269

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-24 US/09/5956,269

PRIOR APPLICATION NUMBER: PCT/IB00/00403

PRIOR FILING DATE: 2000-03-24 US/09/5956,269

PRIOR APPLICATION NUMBER: PCT/IB00/00403

Or 280 TTTGGCTCCAGTCG 296
Db 317 TTGGCCCTGCTTCTT 333

RESULT 6

Sequence 37 Application US/09452239
Patent No. 6445229
GENERAL INFORMATION:
APPLICANT: Rafalski, Antoni J.
APPLICANT: Fader, Gary M.
APPLICANT: Bahrami, Rebeca E.
FILE REFERENCE NUMBER: 100-12-01
CURRENT PUBLISHING DATE: 09/09/452,239
CURRENT PUBLISHING NUMBER: US/09/452,239
CURRENT FILING DATE: 1999-12-01
EARLIER APPLICATION NUMBER: 60/110,594
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Microsoft Office 97
SEQUENCE SOURCE: Microsoft Office 97
LANGTAG: 1118
TYPE: DNA
ORGANISM: Triticum aestivum
US-09-452-239-37

Query Match 4.3%; Score 17; DB 4; Length 1118;
Best Local Similarity 100.0%; Prod. No. 342
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Or 273 GGTGTTTTTGTC 289
Db 971 GCTCTTCTTGTCTC 387

RESULT 6

Sequence 3 Application US/09452239
Patent No. 6445229
GENERAL INFORMATION:
APPLICANT: Rafalski, Antoni J.
APPLICANT: Fader, Gary M.
APPLICANT: Bahrami, Rebeca E.
FILE REFERENCE NUMBER: 100-12-01
CURRENT PUBLISHING DATE: 09/09/452,239
CURRENT PUBLISHING NUMBER: 60/110,594
EARLIER PUBLISHING DATE: 1998-December-02
NUMBER OF SEQ ID NOS: 50
SEQUENCE SOURCE: Microsoft Office 97
LANGTAG: 1118
TYPE: DNA
ORGANISM: Zea mays

Query Match 4.3%; Score 17; DB 4; Length 1146;
Best Local Similarity 100.0%; Prod. No. 342
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 11
US-09-452-239-3
Sequence 3 Application US/09452239
Patent No. 6445229
GENERAL INFORMATION:
APPLICANT: Furanakis-Wahr, Jadeiga Maria
TITLE OF INVENTION: Assay for Adrenal Autoantigen
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESS: Banner, Birch, McKle & Beckett
STREET: 101 G Street N.W.
CITY: Washington
STATE: D.C.
ZIP: 20001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
COPYRIGHT: Inventor's Patent In Release #1.0, Version #1.25
APPLICATION NUMBER: US/09/115,052
PILING DATE: 02-SEP-1993

Or 273 GGTGTTTTTGTC 289
Db 976 GGCTCTTCTTGTCTC 992

RESULT 10
US-09-452-239-3
Sequence 10 Application US/08856207A
GENERAL INFORMATION:
APPLICANT: Black, Michael

CLASSIFICATION: 424
 PRIORITY APPLICATION DATA:
 PAVING AND BUILDING, INC. 07/037,409
 ATTORNEY/GENT INFORMATION:
 NAME: Dale H. Hochheit
 REGISTRATION NUMBER: 19, 090
 REFERENCE/DOCKET NUMBER: 01950-44179
 TELECOMMUNICATION INFORMATION:
 PHONE NUMBER: 214-508-9100;
 TELEFAX: 1-877-313-0800;
 SNO ID: NO; 1 ;
 SEQUENCES CHARACTERISTICS:
 LENGTH: 1509 base pairs
 TYPE: nucleic acid
 STRANDINGNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: cDNA
 HOMOLOGUE: NO
 ANTI-SENSE: NO
 ORIGINAL SOURCE:
 ORGANISM: Homo sapiens
 DEVELOPMENTAL STAGE: foetus
 TISSUE TYPE: adrenal gland
 FEATURE:
 NAME/KEY: big_peptide
 OTHER INFORMATION: /product= "steroid 21-hydroxylase"
 LOCATION: 55..194
 NAME/KEY:
 OTHER INFORMATION: /product= "steroid 21-hydroxylase"
 FEATURE:
 NAME/KEY: CDS
 LOCATED ON: 13..194
 PREDICTED FUNCTION: misc feature
 LOCATION: (435..436) /standard_name= "Pro11 cleavage
 OTHER INFORMATION: /standard_name= "site"
 OTHER INFORMATION: site
 PREDICTED FUNCTION: misc feature
 LOCATION: (114..115) /standard_name= "Pro11 cleavage
 OTHER INFORMATION: /standard_name= "site"
 PREDICTED FUNCTION: misc feature
 LOCATION: (652..653) /standard_name= "Phe41 cleavage
 OTHER INFORMATION: /standard_name= "site"
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 LOCATION: (114..114) /standard_name= "Sau3 cleavage
 OTHER INFORMATION: /standard_name= "site"
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 LOCATION: (114..115) /standard_name= "Stu1 cleavage
 OTHER INFORMATION: /standard_name= "site"
 PREDICTED FUNCTION: misc feature
 LOCATION: (53..54) /standard_name= "Hai1 cleavage
 OTHER INFORMATION: /standard_name= "site"
 DS-08-115-052-1

RESULT 12
 US-09-221-986-3 Application US/09228986
 / Parent No.: 659198
 / GENERAL INFORMATION:
 / APPLICANT: Strabala, Timothy
 / APPLICANT: Strabala, Timothy
 / ADDRESS: Institut für Molekulare Biologie und Biochemie der Universität zu Köln
 / TITLE OF INVENTION: Compounds Isolated from Plant Cells
 / FILE REFERENCE: 110001/00
 / CURRENT APPLICATION NUMBER: US/09/228,986
 / CURRENT FILING DATE: 1993-01-12
 / NUMBER OF SEQ ID NOS: 130
 / SOFTWARE: FastSeq for Windows Version 3.0
 / SEQ ID NO: 3
 / LENGTH: 286
 / ORGANISM: Pinus radiata
 US-09-228-986-3

Query Match 100%; Pred. No. 41;
 Best Local Similarity 4.3%; Score 17; DB 4;
 Matches 17; Conservativeness 0; Mismatches 0; Indels 0; Gaps 0;

Query Match 100%; Pred. No. 41;
 Best Local Similarity 4.3%; Score 17; DB 4;
 Matches 17; Conservativeness 0; Mismatches 0; Indels 0; Gaps 0;

Qy 318 TACCCGATTCTCTCA 334
 Db 272 TACCCGATTCTCTCA 288

RESULT 13
 US-09-220-132-26/
 / Sequence No.: 50400
 / GENERAL INFORMATION:
 / APPLICANT: Shyjan, Andrew W.
 / TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE IDENTIFICATION AND ASSESSMENT OF PROSTATE CANCER THERAPIES AND THE DIAGNOSIS OF PROSTATE CANCER
 / FILE REFERENCE: 0734-0001
 / CURRENT APPLICATION NUMBER: US/09/220,132
 / NUMBER OF SEQ ID NOS: 99
 / SOFTWARE: FastSeq for Windows Version 3.0
 / SEQ ID NO: 268
 / LENGTH: 286
 / ORGANISM: Homo sapiens
 US-09-220-132-26

Query Match 100%; Pred. No. 42;
 Best Local Similarity 4.3%; Score 17; DB 4;
 Matches 17; Conservativeness 0; Mismatches 0; Indels 0; Gaps 0;

Qy 246 CTCAGCTCTCTCTCG 262
 Db 3114 CTCAGCTCTCTCG 3098

RESULT 14
 US-09-453-7028-42/c
 / Sequence No.: 42
 / Title: 323222
 / GENERAL INFORMATION:
 / APPLICANT: Blattner, Frederick R.
 / APPLICANT: Burland, Valerie
 / APPLICANT: Perna, Nicole T.
 / APPLICANT: Plunkett, Guy

Query Match 100%; Pred. No. 41;
 Best Local Similarity 4.3%; Score 17; DB 4;
 Matches 17; Conservativeness 0; Mismatches 0; Indels 0; Gaps 0;

Qy 289 CTCAGCTCTCTCG 305
 Db 3114 CTCAGCTCTCTCG 3098

Thu Oct 30 08:53:31 2003

us-09-513-99c-3792_copy_51_446.xml

Page 6

WELCH, ROB

TITLE OF INVENTION: NO. 636572381 Sequences of E. coli O157

NUMBER OF SEQUENCES: 265

CORRESPONDENCE ADDRESS:

ADDRESSSES: Quarles & Brady

CITY: 1 South Pinckney Street

CITY: Madison

STATE/PROV.: WI

ZIP/CITY: 53701-2113

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch.

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Word Perfect 8.0

CURRENT APPLICATION DATE:

FILING DATE: 09/09/1998

TELEPHONE NUMBER: (608) 251-7028

CLASSIFICATION: *Microbiology*

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/110,955

FILING DATE: 04-DEC-1998

ATTORNEY/AGENT INFORMATION:

NAME: SAYY, NICHOLAS J.

REGISTRATION NUMBER: 2736

REGISTRATION DATE:

TELECOMMUNICATION COMPANY:

TELEPHONE: (608) 251-1500

TELEFAX: (608) 251-9156

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 11613

TYPE: nucleic acid

SUBSEQUENCE: linear

MOLECULE TYPE: DNA (genomic)

SEQUENCE SOURCE: US-09-451-7028-42

DESCRIPTION: SEQ ID NO: 42:

RESULT 15

US-09-451-7028-42

SEQUENCE 1:2 Application US/09742185

GENERAL INFORMATION:

APPLICANT: Page, David C.

APPLICANT: Reijo, Ranne

APPLICANT: Saxena, Richa

APPLICANT: Hawkins, Trevor

APPLICANT: Reeve, Mary Pat

TITLE OF INVENTION: DIZ: A GENE FAMILY ASSOCIATED WITH AZOOSPERMIA

NUMBER OF SEQUENCES: 102

CORRESPONDENCE ADDRESS:

ADDRESSSES: Two Milligan Street, Smith & Reynolds, P.C.

CITY: Lexington

STATE: Massachusetts

COUNTRY: US

ZIP: 02173

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

SOFTWARE: SeqEdit, PC-DOCS

CURRENT APPLICATION DATE: #1.0, Version #1.30

Gencore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using raw model

Run on: October 29, 2003, 10:58:44 : Search time 7 Seconds

(without alignments)
57,982 Million cell updates/sec

Title: US-09-513,999c-7869_COPY_1_37

Perfect score: 192

Scoring table: BLOSUM62

Gapopen 10.0 , Gapext 0.5

Searched: 328717 seqs, 42109858 residues

Total number of hits satisfying chosen parameters:

328717

Maximum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Maximum Match 10%
Lasting time 15 summaries

Database : Issued Patent & AI:*

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3: /Cm2/6/procdata/2/iaa/6B_COMC_pep:*

4: /Cm2/6/procdata/2/iaa/6C_COMC_pep:*

5: /Cm2/6/procdata/2/iaa/6D_COMC_pep:*

6: /Cm2/6/procdata/2/iaa/6E_COMC_pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result: Query Length DB ID Description

Result No.: Score

ID: Length DB

Score: 18625. A

Sequence: 18625. A

Sequence: 1, Apb1

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Sequence: 3, Apb1

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Sequence: 238, Apb1

Sequence: 239, Apb1

COMPUTER READABLE FORM:

COMPUTER: Diskette

MEDIUM TYPE: 3.5 inch

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: PAESO for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/032,523

FILING DATE:

CLASS:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J

REGISTRATION NUMBER: 36,749

REGISTRATION/DOCKET NUMBER: PP-0479 US

TELECOMMUNICATION INFORMATION:

TELEFAX: 150-945-4366

TELEX:

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 39 amino acids

TYPE: amino acid

STRANDNESS: single

TOPOLOGY: linear

LIBRARY: RANDBURTO1

CLONE: 151,5165

US-09-032-523-3

Query Match

Best Local Similarity 29.0%; Score 56; DB 3; Length 349;

Matches 12; Conservative 6; Mismatches 11; Indels 0; Gaps 0;

Query

2 GCGAFLDPSLGLQKPLGCV 30

Db

132 QCSFQYQTSLSGIGADQVSVEGLTV 160

RESULT 4

US-09-032-523-9

Sequence 9, Application US/09/032,523

Patent No. 6,232,454

GENERAL INFORMATION:

APPLICANT: Bandman, Olga L.

Corley, Neil C.

Guebler, Karl C.

Hallinan, Jennifer L.

APPLICANT: Boudin, Mariana

NUMBER OF SPECIMENS: 9

CORRESPONDENCE ADDRESS:

ADDRESS: Incyte Pharmaceuticals, Inc.

STREET: 3174 Porter Drive

CITY: Palo Alto

STATE: CA

COUNTRY: USA

ZIP: 94304

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Pastero for Windows Version 2.0

CURRENT APPLICATION DATA: US/09/032,523

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Billings, Lucy J

REGISTRATION NUMBER: 36,749

TELECOMMUNICATION INFORMATION:

TELEFAX: +65 0 854 466

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 36 amino acids

TYPE: amino acid

STRANDNESS: single

TOPOLOGY: linear

LIBRARY: Corbank

CLONE: 181,994

US-09-032-523-9

Query Match

Best Local Similarity 29.0%; Score 56; DB 3; Length 346;

Matches 12; Conservative 6; Mismatches 11; Indels 0; Gaps 0;

Patent No. 5928065

GENERAL INFORMATION:

APPLICANT: Covacci, Antonello

TITLE OF INVENTION: Helicobacter Pylori CagI Region

NUMBER OF SEQUENCES: 46

SEQUENCE ADDRESS:

RESPONSIBLE CHILTON CORPORATION

CITY: Encinitas

STATE: CA

COUNTRY: USA

ZIP: 94640-2916

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

CURRENT APPLICATION NUMBER: 09/147,451

VERSION #: 1.0

FILING DATE: 07-JUN-1995

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: McCullagh, Barbara G.

REGISTRATION NUMBER: 33,113

REFERENCE DOCUMENT NUMBER: 0345.002

TITLE OF INVENTION:

TELEPHONE: 619-551-3442

TELEX: 310-555-1416

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:

LENGTH: 1720 amino acids

TYPE: amino acid

STRAND(S): single

TOPOLOGY: linear

MOL TYPE: protein

US-09-477-451-12

Query Watch

Sequence 12, Application US/09/061337

Best Local Similarity: 28.0%

Pred. No: 45

Length 1720;

Matches 15

Conservative 2

Mismatches 12

Indels 4

Gaps 1

Qy 2 GGGAAQSSFSIQLQGLPVWVNLGCGUS

34

Db 1109 GPFCPSPSYTFPFGSC---FPFDVCLCUG

1137

RESULT 11

US-09-06-337-12

Query Watch

Sequence 12, Application US/09/061337

Best Local Similarity: 45.5%

Pred. No: 45

Length 1720;

Matches 15

Conservative 2

Mismatches 12

Indels 4

Gaps 1

Qy 3 GGGAAQSSFSIQLQGLPVWVNLGCGUS

34

Db 1109 GPFCPSPSYTFPFGSC---FPFDVCLCUG

1137

RESULT 12

US-09-122-129-12

Query Watch

Sequence 12, Application US/09/212129

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 13

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 14

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 15

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 16

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 17

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 18

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 19

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 20

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 21

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 22

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 23

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 24

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 25

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 26

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

37

Db 307 MGSSAATTPPSIQLQGLPVWVNLGCGUS

344

RESULT 27

US-09-061-137-12

Query Watch

Sequence 12, Application US/09/131151

Best Local Similarity: 37.5%

Pred. No: 19

Length 396;

Matches 15

Conservative 6

Mismatches 5

Indels 5

Gaps 2

Qy 1 MGCS--FLQDQSSFSIQLQGLPVWVNLGCGUS

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Page 5

FILING DATE: 17-APRIL-1998

ATTORNEY/AGENT INFORMATION:

NAME: Lenz, Martin

ADDRESS: 2000 Pennsylvania Avenue, NW

CITY: Washington

STATE: DC

ZIP: 20006-1888

COMPUTER READABLE FORM

FILED: 11-JULY-1998

TELEFAX: (202) 887-1546

TELEPHONE: (202) 887-0763

REFERENCE NUMBER: 492

REFERENCE DOCUMENT NUMBER: 311762001322

TELECOMMUNICATION INFORMATION:

TELEFAX: (202) 887-156

TELEPHONE: (904)4030

SEQUENCE CHARACTERISTICS:

SEQUENCE: 1 MGS--PALQNSLSQLQPEVNLGICVSCT 37

SEQUENCE LENGTH: 396

AMINO ACIDS:

SEQUENCE: 2 MGS--PALQNSLSQLQPEVNLGICVSCT 37

SEQUENCE LENGTH: 396

AMINO ACIDS:

SEQUENCE: 3 MGS--PALQNSLSQLQPEVNLGICVSCT 37

SEQUENCE LENGTH: 396

AMINO ACIDS:

SEQUENCE: 4 MGS--PALQNSLSQLQPEVNLGICVSCT 37

SEQUENCE LENGTH: 396

AMINO ACIDS:

SEQUENCE: 5 MGS--PALQNSLSQLQPEVNLGICVSCT 37

SEQUENCE LENGTH: 396

AMINO ACIDS:

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